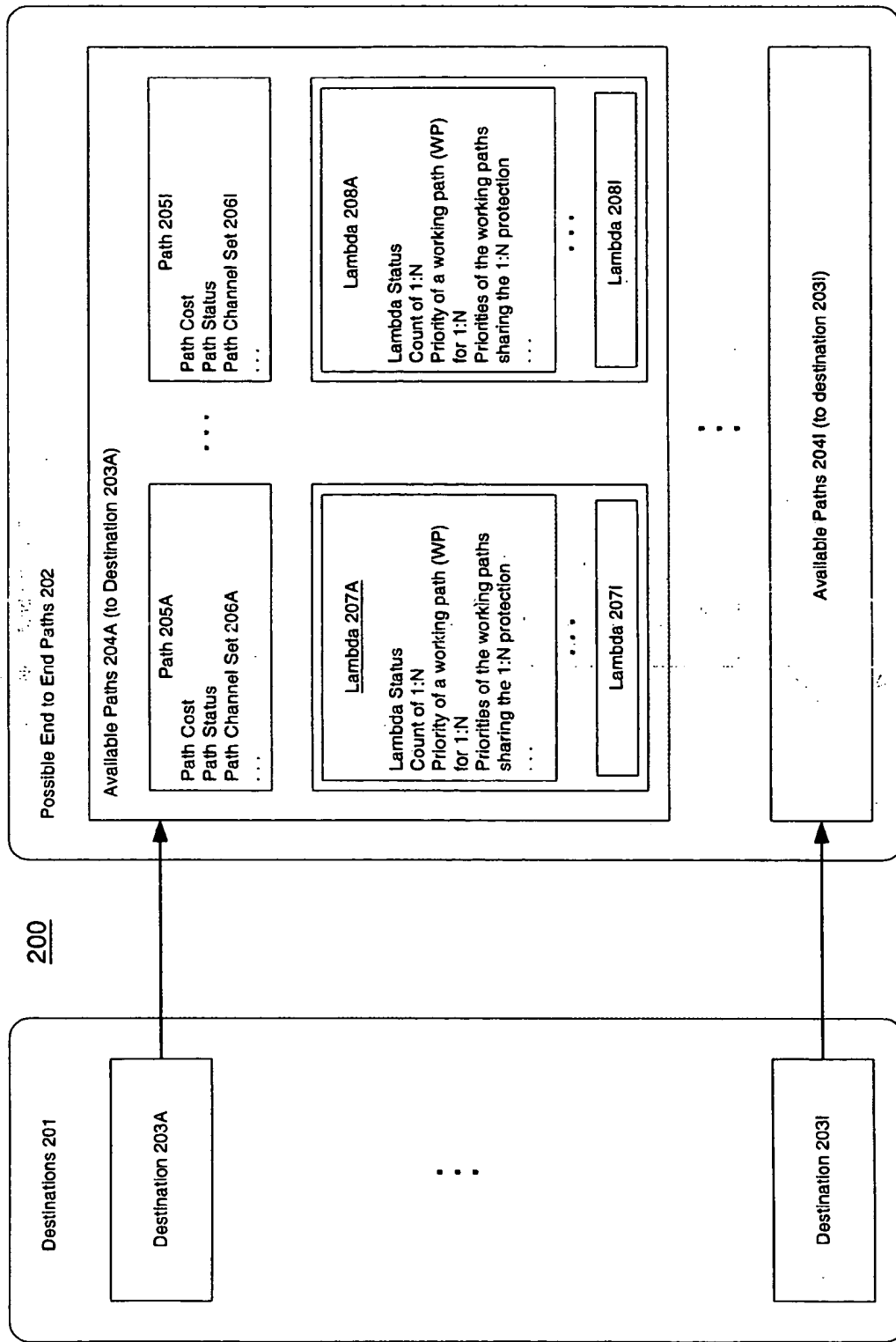


Fig. 1



**Fig. 2A**

250

Connectivity/Routing Database(s)

Path 257	Lambda Status 252	Count of 1:N 254	Priority of WP for 1:N 255	Priorities of WPs shared in 1:N 256	...
Path 1	Lambda 1	Allocated/working	2		
Path 1	Lambda 2	Unallocated			
...	...				
Path 2	Lambda 1	Allocated/working	3		
Path 2	Lambda 2	Broken			
...	...				
Path 3	Lambda 1	Allocated/working			
Path 3	Lambda 2	Allocated/working	5		
...	...				
Path n	Lambda 1	Allocated/ protection/1:1			
Path n	Lambda 2	Allocated/ protection/1:N	3	2, 3, 5	
...	...	...	...	...	...

257

Fig. 2B

300

Signaling Database(s) 301		302	303
Working Path (lambda)	Protection Path (lambda)	Priorities of WPs currently shared if in 1:N protection scheme	...
Path1/Lambda1	Path n/Lambda2	2	
...	...	...	
Path2/Lambda1	Path n/Lambda2	3	
...	...	...	
Path3/Lambda1	Path n/Lambda1	.	
Path3/Lambda2	Path n/Lambda2	5	
...	...	...	...

Fig. 3

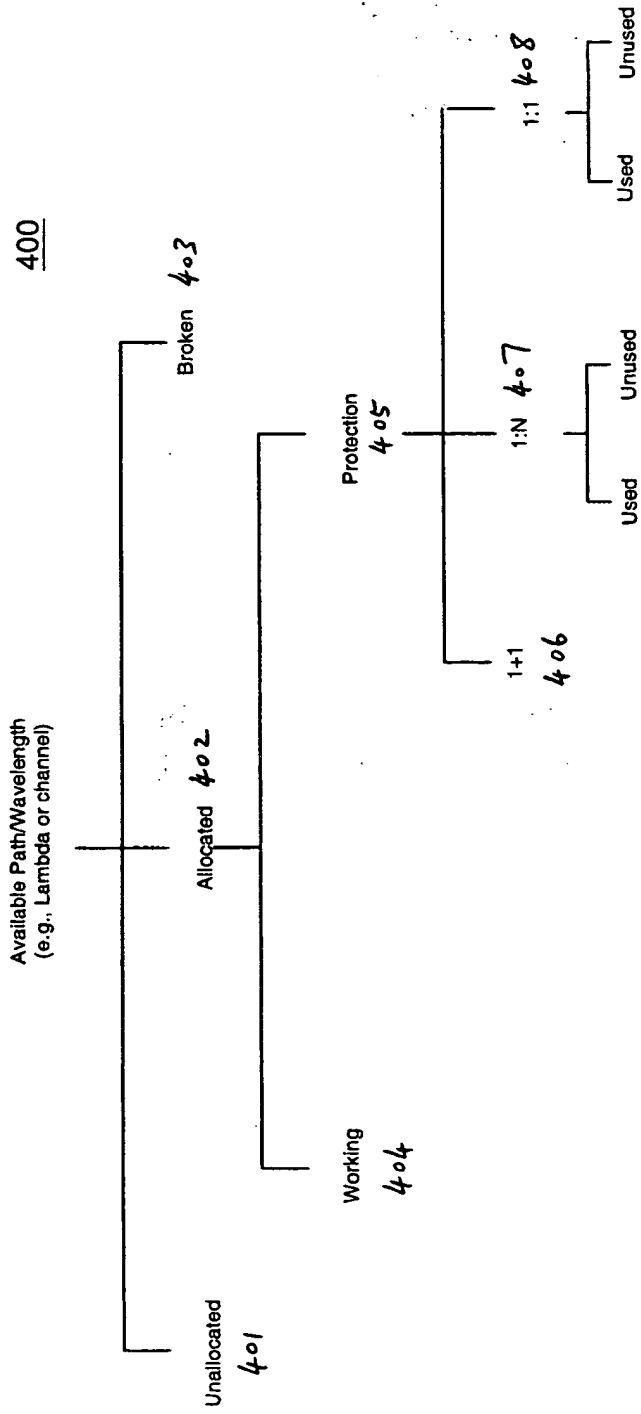
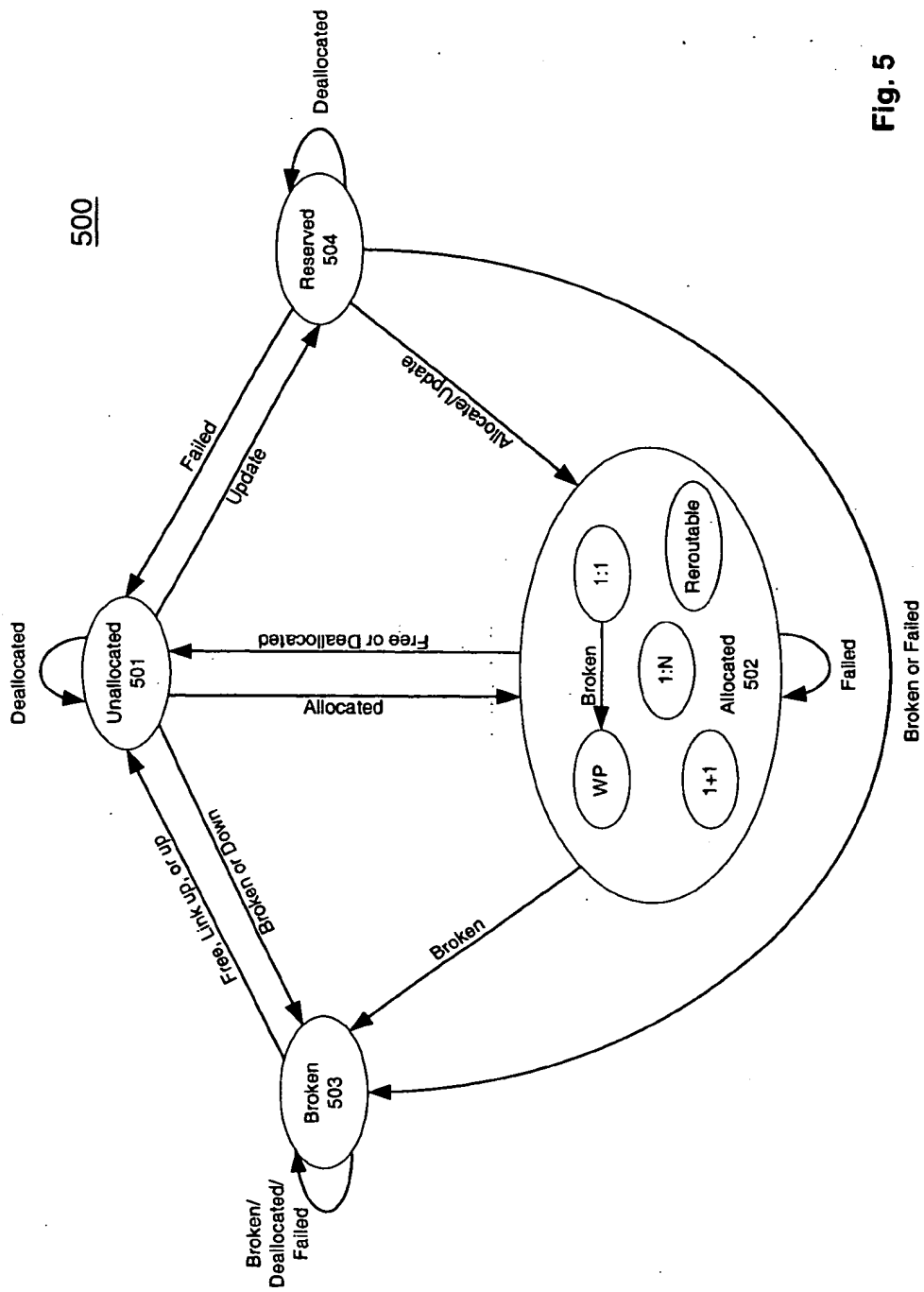


Fig. 4



**Fig. 5**

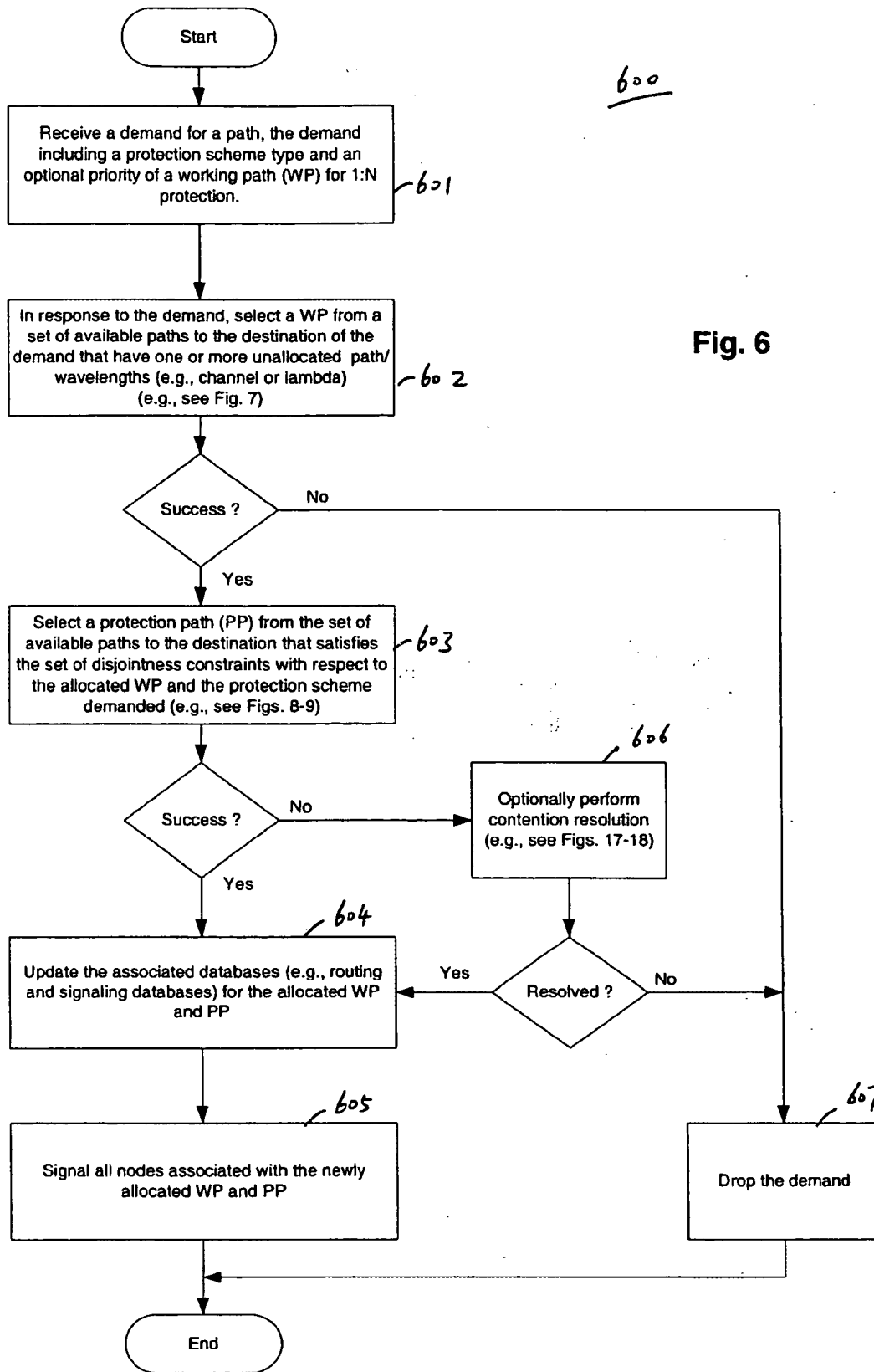


Fig. 6

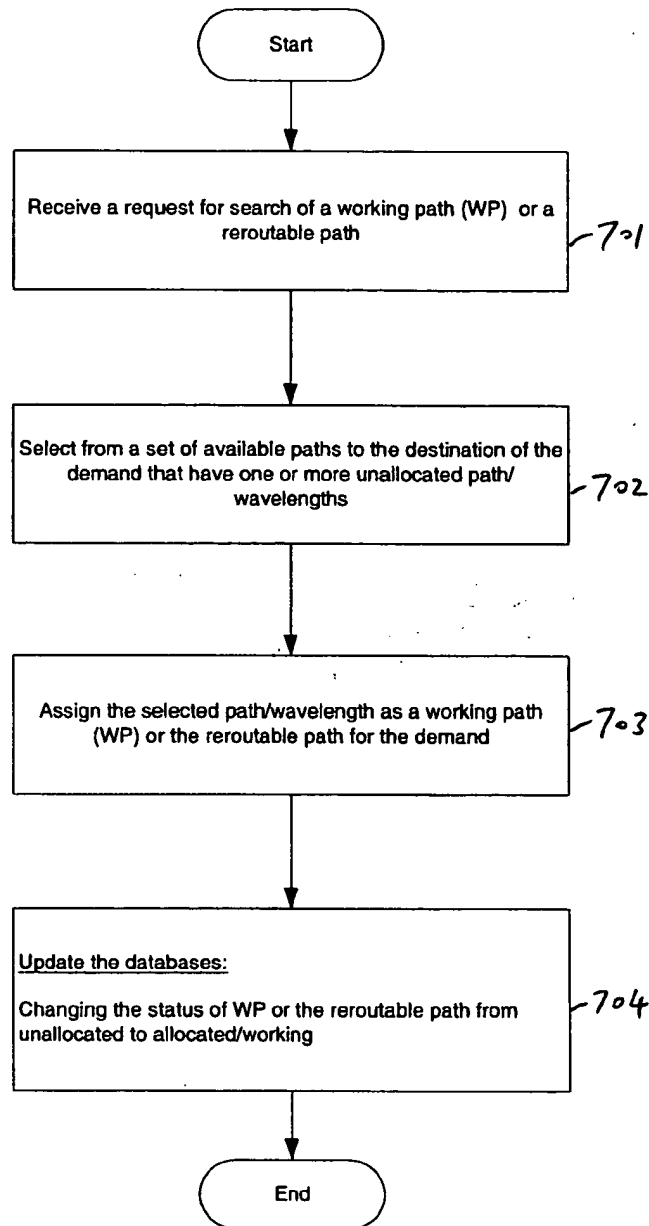
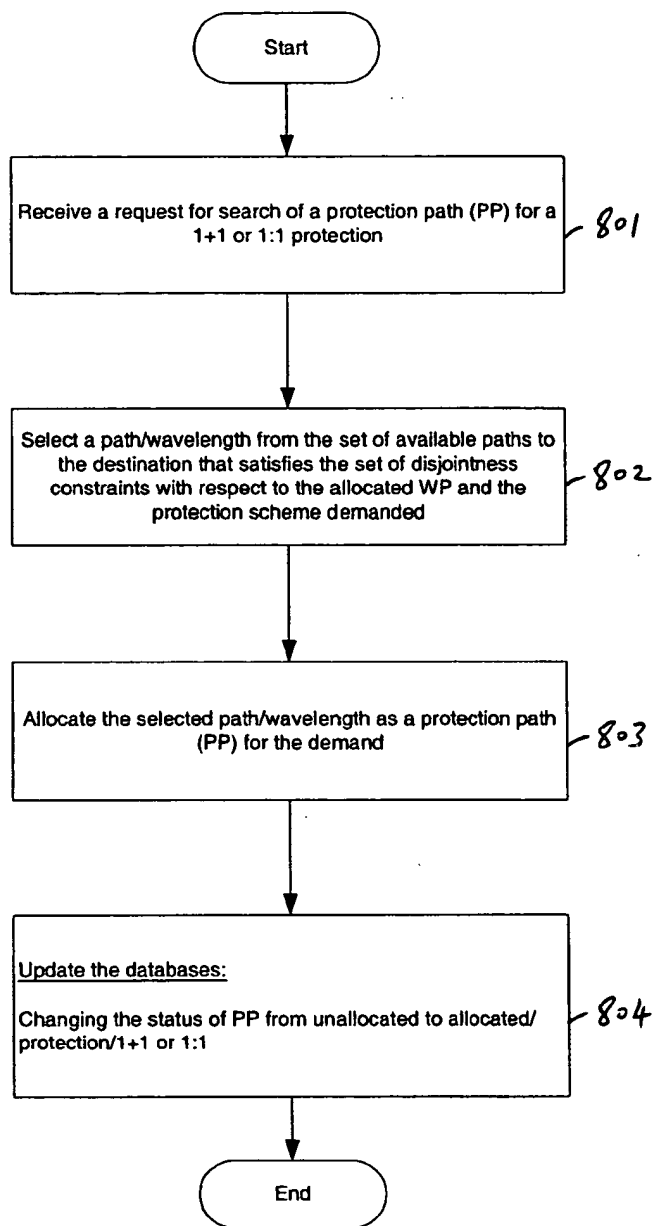


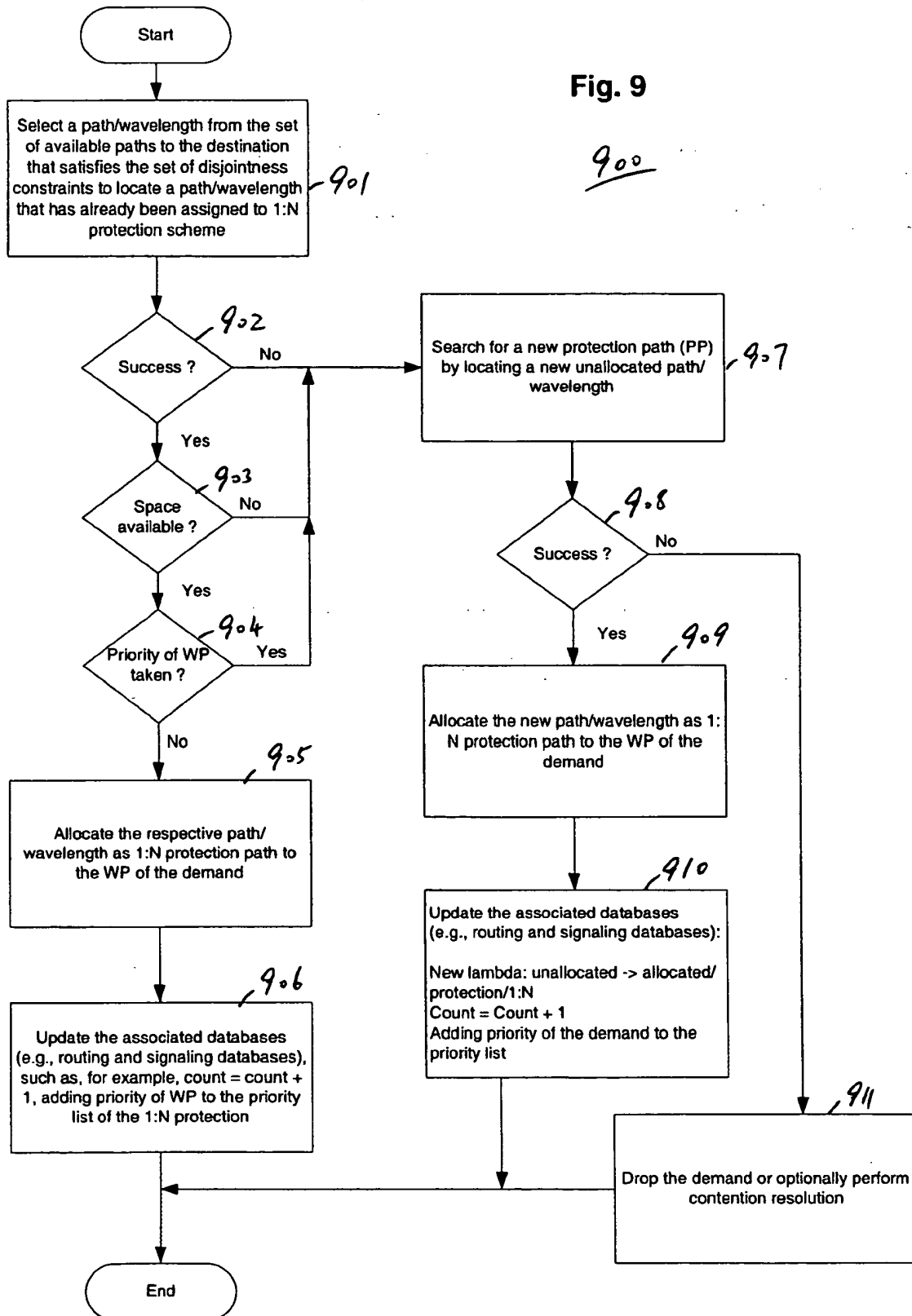
Fig. 7

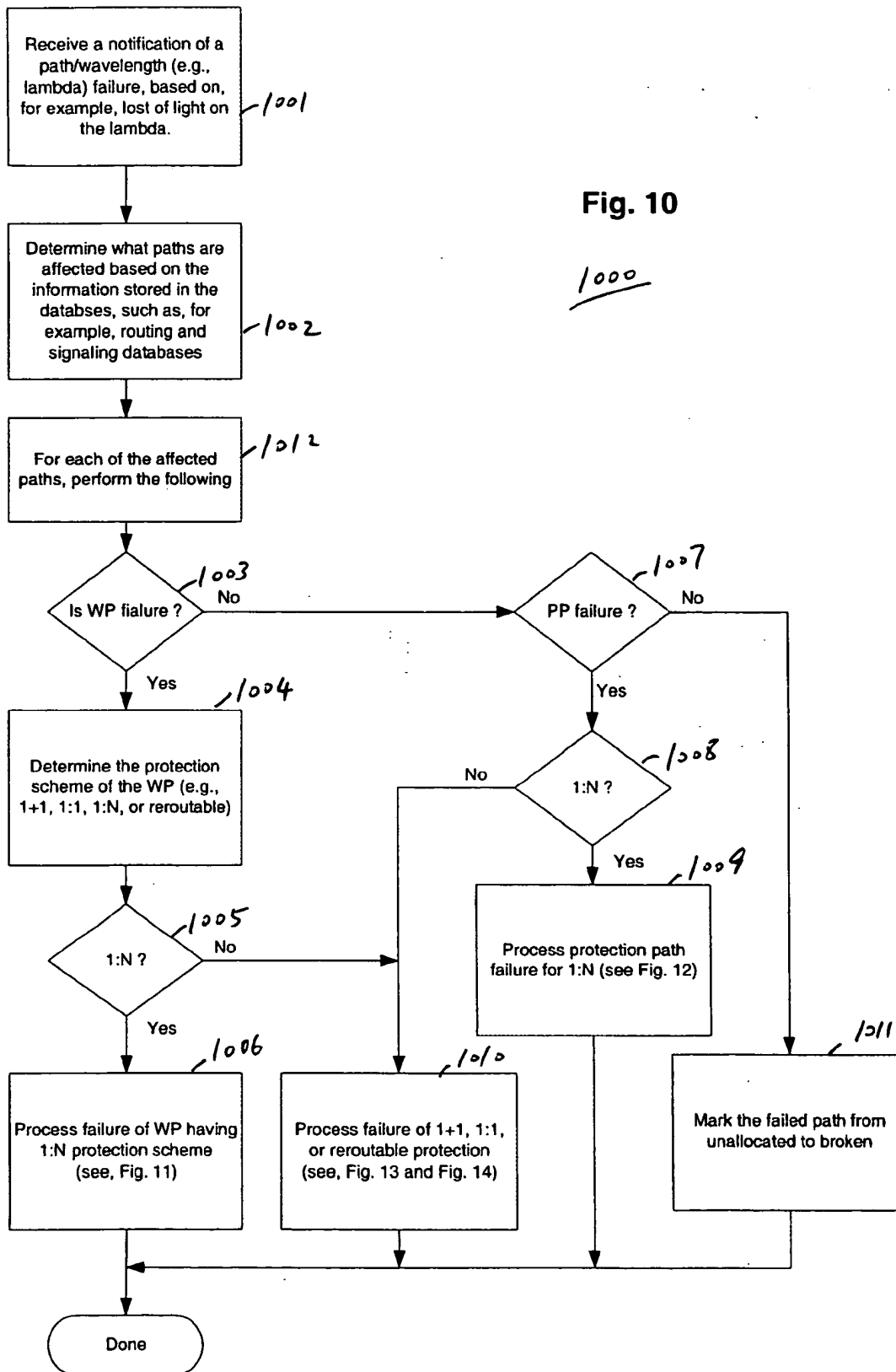




**Fig. 8**

Fig. 9





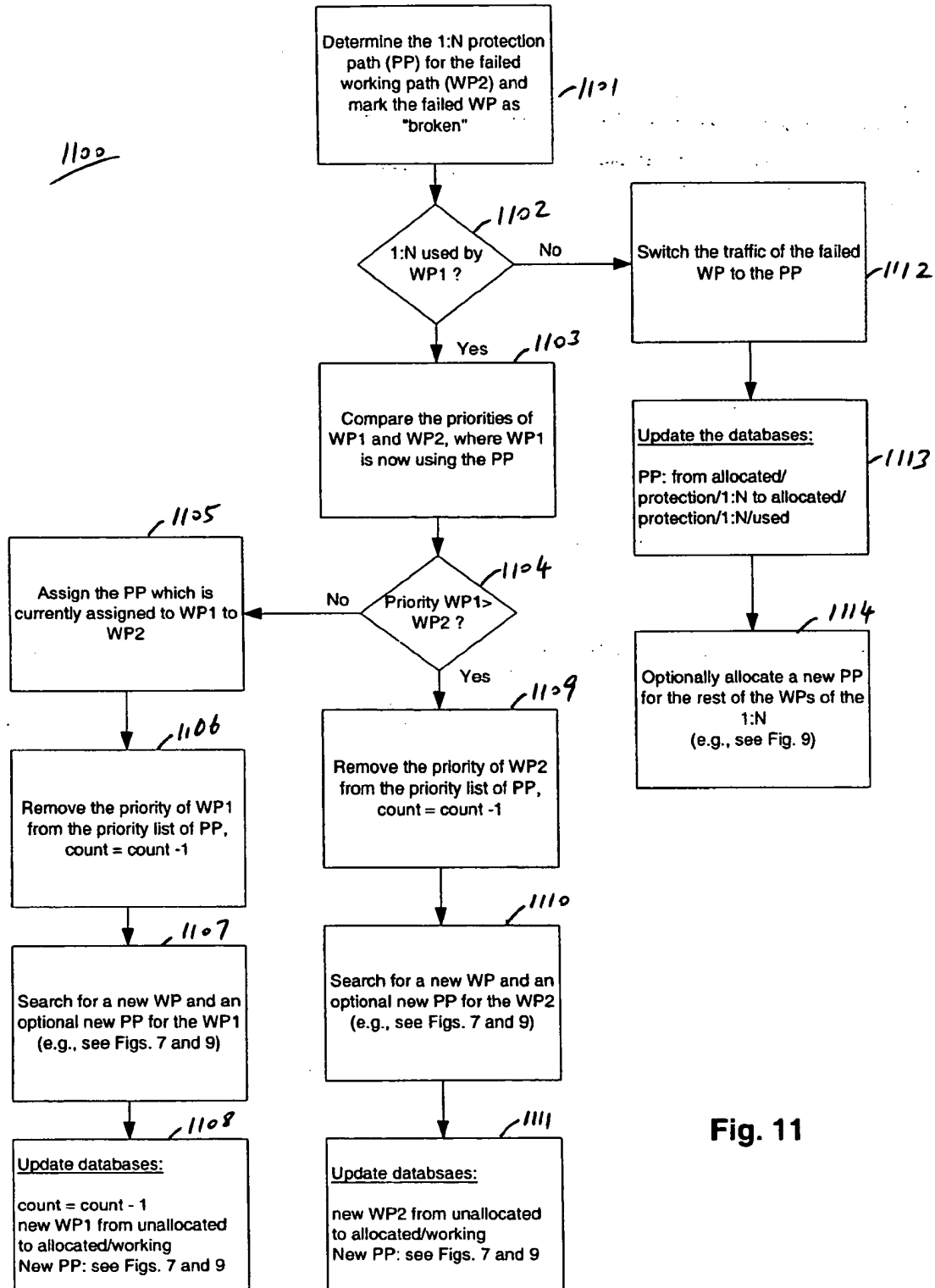
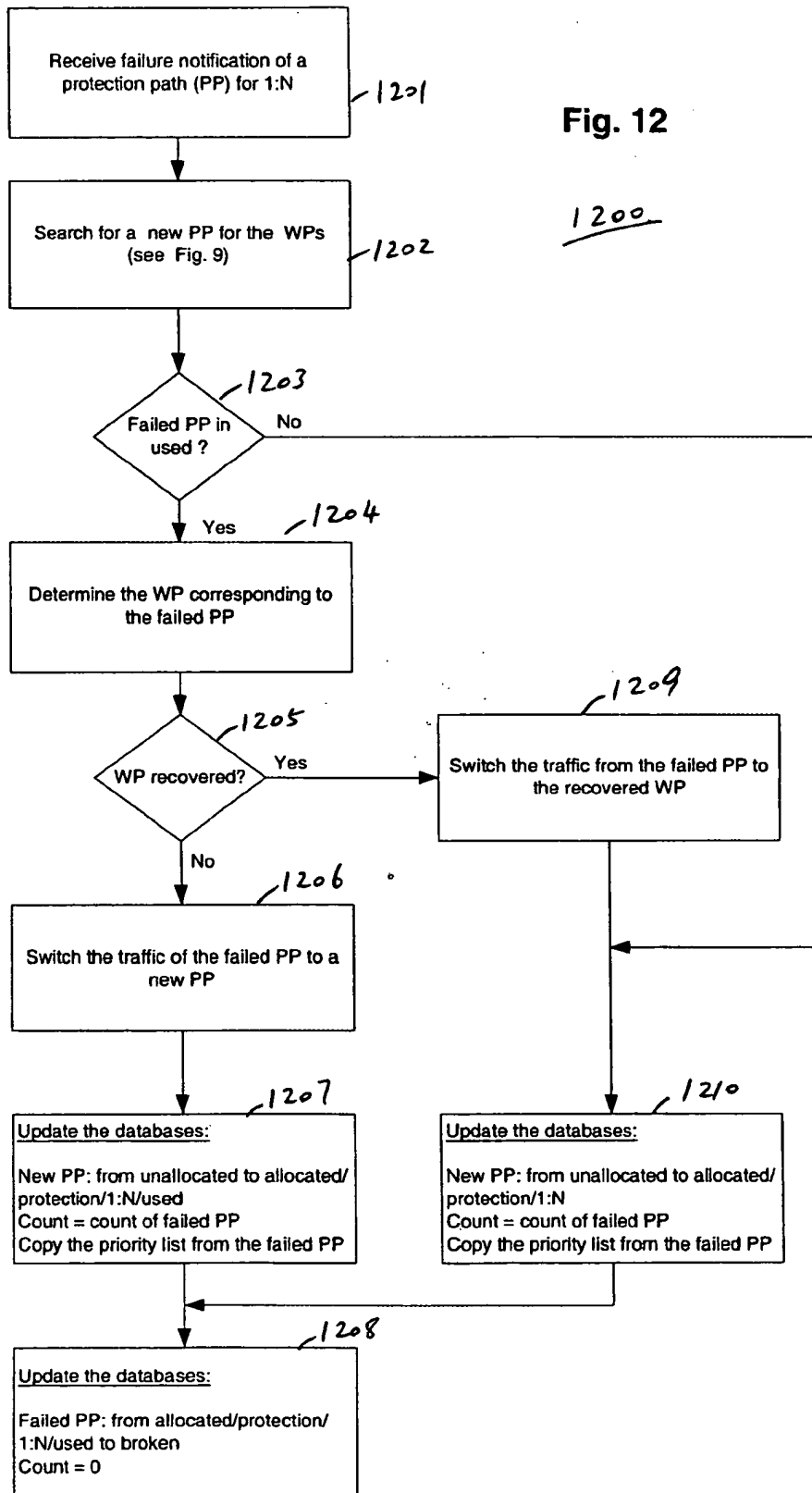
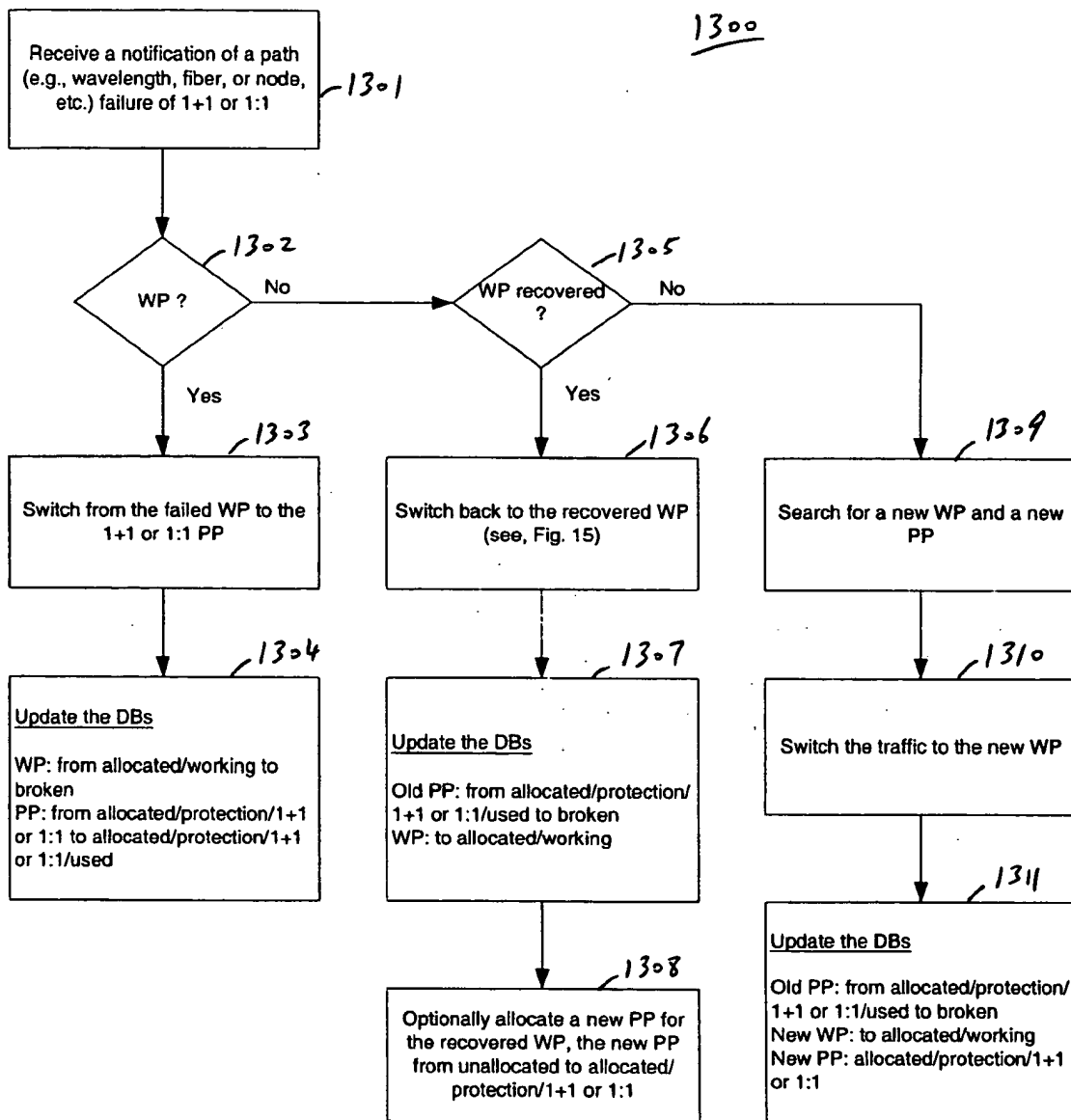
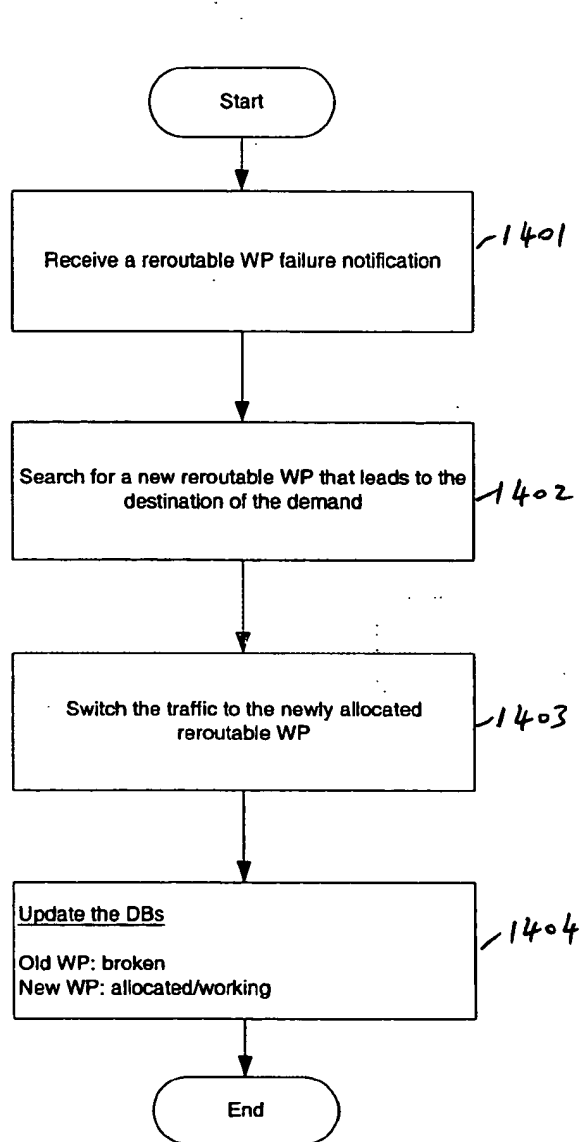


Fig. 11

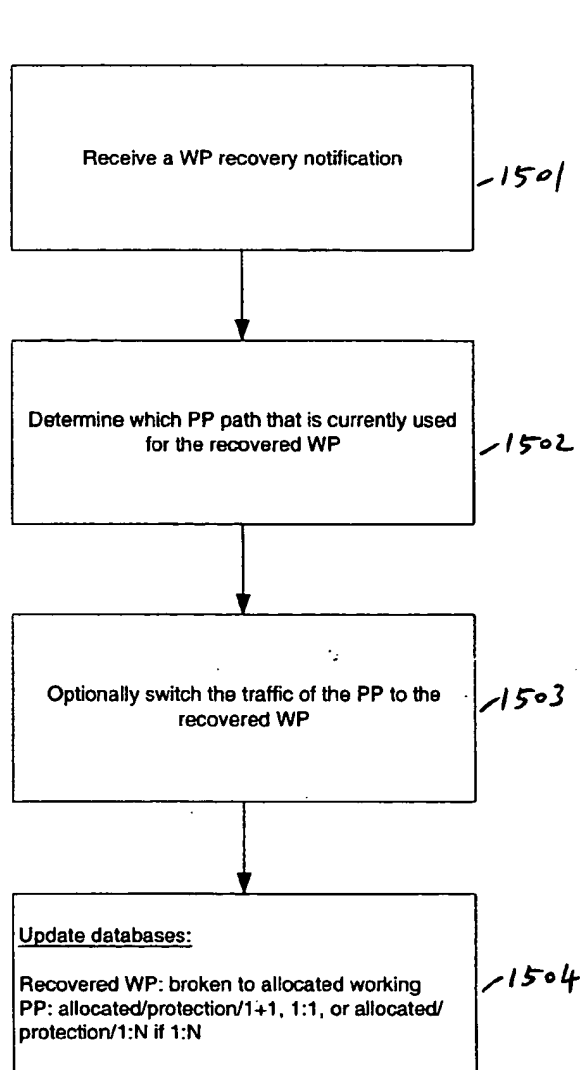




**Fig. 13**



**Fig. 14**



**Fig. 15**



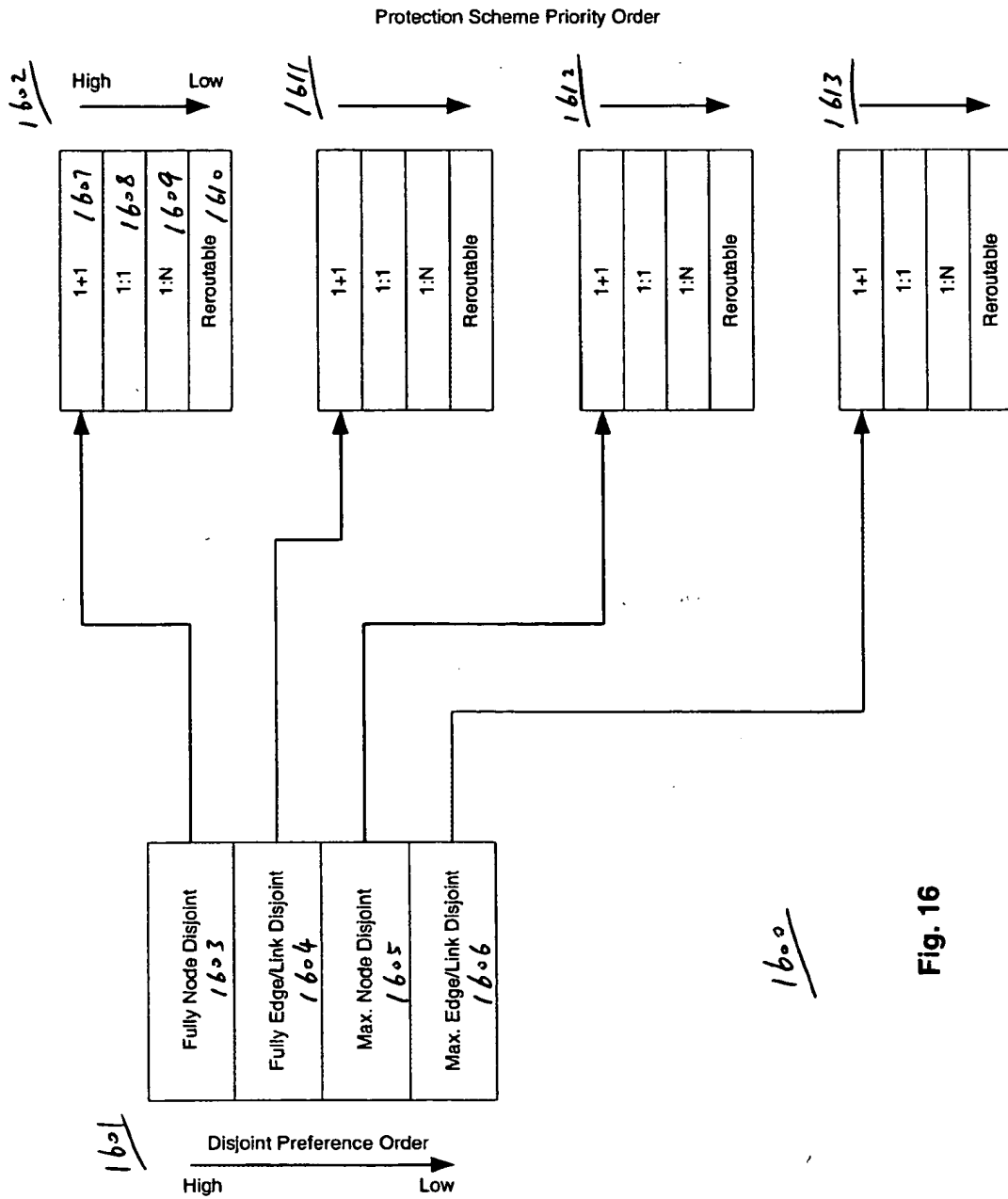


Fig. 16

